

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of
Invention

METHOD AND APPARATUS TO MODIFY GEOLOCATION
ACTIVITIES BASED ON LOGGED QUERY INFORMATION

Application Number: 10/685991



Confirmation Number: 7092

First Named Applicant: Mark Anderson

Attorney Docket Number: 4714P001C

Art Unit: 2155-215

Examiner: Unknown Unknown K.D INIT

Search string: (6665715).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
Up	1	6665715	2003-12-16	Hour			

Remarks

Note: Remarks are not for responding to an office action.

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. Applicants respectfully request that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record.

Signature

Examiner Name	Date
Khans Dms	8/24/04

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete If Known Application Number Unknown 101685,991 Filing Date Even Date Herewith 10/14/03 First Named Inventor Anderson, Mark Group Art Unit Unknown 2151 Examiner Name Unknown K. DIVH	
Sheet 1 of 1		Attorney Docket No: 4714.P001C	

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
ICD	US-09/541,451		Parekh, Sanjay , et al.	—	—	03/31/2000
	US-09/632,959		Parekh, Sanjay	—	—	08/04/2000
	US-4,939,726	07/03/1990	Flammer, , et al.	—	—	07/18/1989
	US-5,042,032	08/20/1991	Dighe, Rajiv , et al.	—	—	06/23/1989
	US-5,115,433	05/19/1992	Baran, Paul , et al.	—	—	04/20/1990
	US-5,291,550	03/01/1994	Levy, Yonatan A., et al.	379	—	07/09/1993
	US-5,418,713	05/23/1995	Allen,	—	—	08/05/1993
	US-5,421,024	05/30/1995	Faulk Jr., Robert , et al.	—	—	08/30/1993
	US-5,488,608	01/30/1996	Flammer, George	—	—	04/14/1994
	US-5,490,252	02/06/1996	Macera, Mario , et al.	—	—	09/30/1992
	US-5,493,689	02/20/1996	Waclawsky, John G., et al.	995- 701	—	03/01/1993
	US-5,636,276	06/03/1997	Brugger, Rolf	—	—	04/18/1995
	US-5,659,596	08/19/1997	Dunn, James M.	455	—	04/12/1995
	US-5,734,651	03/31/1998	Blakeley, Douglas B., et al.	370	—	05/29/1996
	US-5,734,823	03/31/1998	Saigh, Michael , et al.	—	—	06/25/1996
	US-5,734,891	03/31/1998	Saigh, Michael	—	—	06/12/1996
	US-5,777,989	07/07/1998	McGarvey, John R.	—	—	12/19/1995
	US-5,794,217	08/11/1998	Allen, Richard	—	—	12/03/1996
	US-5,870,561	02/09/1999	Jarvis, Brian L., et al.	395- 701	—	03/15/1996
	US-5,878,126	03/02/1999	Velamuri, Syama , et al.	—	—	12/11/1995
	US-5,930,474	07/27/1999	Dunworth, Peter , et al.	—	—	01/31/1996
	US-5,944,790	08/31/1999	Levy, Daniel R.	—	—	07/19/1996
	US-5,948,061	09/07/1999	Merriman, Dwight A., et al.	709	—	10/29/1996
	US-5,978,745	11/02/1999	Reisacher, Olivier M.	709	—	03/25/1997
	US-60/132,147		Parekh, Sanjay M.	—	—	05/03/1999
	US-60/133,939		Doctor, Brad , et al.	—	—	05/13/1999
	US-60/226,405		Yerushalmi, Yoav	—	—	08/18/2000
	US-6,009,081	12/28/1999	Wheeler, Christopher C., et al.	370	—	09/03/1997
↓	US-6,012,052	01/04/2000	Altschuler, Steven J., et al.	707	—	01/15/1998
ICD	US-6,012,088	01/04/2000	Li, Jim Y., et al.	709	—	12/10/1996

EXAMINER Kiran Binh DATE CONSIDERED 8/2/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known Application Number Unknown 10/685,991 Filing Date Even Date Herewith 10/14/03 First Named Inventor Anderson, Mark Group Art Unit Unknown 2151 Examiner Name Unknown K.DINH				
Sheet 2 of 2		Attorney Docket No: 4714.P001C				

UD	US-6,012,090	01/04/2000	Chung, Pi-yu , et al.	709	—	03/14/1997
	US-6,014,634	01/11/2000	Scroggie, Michael C., et al.	705	—	08/04/1997
	US-6,035,332	03/07/2000	Ingrassia, Jr., Michael I., et al.	709	—	10/06/1997
	US-6,091,959	07/18/2000	Souissi, Slim , et al.	—	—	06/02/1999
	US-6,130,890	10/10/2000	Leinwand, Allan S., et al.	—	—	09/11/1998
	US-6,151,631	11/21/2000	Ansell, Steven , et al.	—	—	11/15/1998
	US-6,167,259	12/26/2000	Shah, Ali R.	455	—	06/19/1998
	US-6,192,312	02/20/2001	Hummelsheim, Klaus	—	—	03/25/1999
	US-6,243,746	06/05/2001	Sondur, Raghavendra , et al.	709	—	12/04/1998
	US-6,249,252	06/19/2001	Dupray, Dennis	—	—	04/23/1999
	US-6,259,701	07/10/2001	Shur, David H., et al.	370	—	09/11/1997
	US-6,272,343	08/07/2001	Pon, Rayman W., et al.	455	—	10/13/1998
	US-6,356,929	03/12/2002	Gall, Thomas A., et al.	709	—	04/07/1999
	US-6,442,565	08/27/2002	Tyra, Kristopher L., et al.	707	—	08/13/1999
	US-6,477,150	11/05/2002	Maggenti, Mark , et al.	370	—	03/03/2000
	US-6,542,739	04/01/2003	Garner, William	455	—	10/06/2000
	US-WO0,022,495	04/20/2000	Ansell, Steven T.	—	—	
	US-WO0,067,450	11/09/2000	Parekh, Sanjay M., et al.	—	—	05/02/2000
	US-WO0,157,696	02/05/2001	McElligott, Adrian	—	—	
	US-WO0,175,632	10/11/2001	Anderson, Mark , et al.	—	—	04/03/2001
WD	US-WO0,217,139	08/15/2001	Dhanidina, Rizwan , et al.	—	—	
WD	US-WO0,96,13,108	05/02/1996	Aggarwal, Ajay , et al.	—	—	10/24/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
UD	AU-PQ 5456AU	02/04/2000	McElligott, Adrain	—	—	
WD	IB-WO 02/013459	09/04/2000	Parekh, Sanjay M.	—	—	
WD	WO-WO 0067450	11/09/2000	Parekh, Sanjay M., et al.	—	—	
WD	WO-WO 9934305	07/08/1999	Kenney, William	—	—	

EXAMINER

K.DINH

DATE CONSIDERED

8/2/04

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i> Application Number <u>Unknown 10/685-991</u> Filing Date <u>Even Date Herewith 10/14/03</u> First Named Inventor <u>Anderson, Mark</u> Group Art Unit <u>Unknown 2151</u> Examiner Name <u>Unknown K.DINH</u>	
Sheet 3 of 3		Attorney Docket No: 4714.P001C	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KD		"Content Delivery Services: Footprint Streaming Solutions", <u>Digital Island San Francisco, CA, 1-4</u>	
		"DHCP", <u>internet.com Webopedia, www.pcwebopedia.com/TERM/D/DHCP.html, (12/23/96),1-2</u>	
		"Geographic Location Representation in DNS", <u>www.bovine.net/~jlawson/hmc/dns/location.html, (3/28/02),1-3</u>	
		"Geographic Routing Project Description", <u>www.cs.Rutgers.edu/~navas/dataman/abstract.html, 1-3</u>	
		"ICMP", <u>internet.com Webopedia, www.pcwebopedia.com/TERM/I/ICMP.html, (7/28/97),1-2</u>	
		"Prominent Internet Industry Executives Launch Quova, Provide Internet Intelligence to E-businesses", <u>www.quova.com/pressrelease.cfm, (9/18/00),1-2</u>	
		"Quova Brings Geography to the Internet with Introduction of GeoPoint 2.0", <u>www.Quova.com/pressrelease.cfm, (February 12, 2001),1-3</u>	
		"TraceWare White Paper", <u>Digital Island San Francisco, CA, (June 1999),8</u>	
		"Using IP Subnet Masks", <u>www.wizard.com/users/baker/public_html, 1</u>	
		"What's a Netmask? And Why do I Need One?", <u>www.johnscloset.net/primer/subnet.html, 1-3</u>	
		BUYUKKOKTEN, ORKUT, "Exploiting Geographical Location Information of Web Pages", <u>Department of Computer Science, Stanford University, Stanford, CA 94035, 1-6</u>	
		COONEY, RON, "Subnet Addressing", <u>www.networkcomputing.com/unixworld/tutorial/001.html, 1-7</u>	
		DAVIS, C., et al., "A Means for Expressing Location Information in the Domain Name System Status of this Memo", <u>www.ckdhr.com-dns-los/rfc1876.txt, (January 1996),1-17</u>	
		DEBELLIS, MATTHEW, "Digital Envoy Greets \$1.1 Million", <u>VC & Startups, (February 29, 2000),3</u>	
		DODGE, MARTIN, et al., "Where on Earth is the Internet", <u>Center for Advanced Spatial Analysis, University College London, www.geog.ulc.ac.uk/casa/martin/internetspace/paper-telecom.html, (3/1998),1-15</u>	
		DOMMETY, GOPAL, et al., "Potential Networking Applications of Global Positioning Systems (GPS)", <u>Dept. of Computer and Information Science, The Ohio State University, Columbus, Ohio, 1-40</u>	
		EASTLAKE, "Domain Name System Security Extensions; Network Working Group; Request for Comments", <u>http://www.ietf.org/rfc/rfc2151.txt, (March 1999),1-42</u>	
KD		FARRELL, C., et al., "DSN Encoding of Geographical Location", <u>Curtin University of Technology; www.cis.ohio-state.edu/cgi-bin/rfc1712.html, (November 1994),1-6</u>	

EXAMINER

K.DINH

DATE CONSIDERED

8/2/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known Application Number Unknown — 10/685,991 Filing Date Even Date Herewith 10/14/03 First Named Inventor Anderson, Mark Group Art Unit Unknown 2151 Examiner Name Unknown K. DINH	
Sheet 4 of 4		Attorney Docket No: 4714.P001C	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WD		FILEDRIVE, F , "Mapping the Internet", www.jevans.com/pubnetmap.html , (October 1995),1-4	
		HAMILTON, MARTIN , "Uniform Resource Identifiers & the Simple Discovery Protocol", Dept. of Computer Studies, Loughborough University of Technology , (6/20/95),1-23	
		HARRENSTEIN, et al., "NICNAME/WHOIS"Network Working Group; Request For Comments", http://www.jefi.org/rfc0954.txt , (October 1985),1-4	
		HARRIS, NICOLE , "Digital Envoy Offers A Way TO 'Geo Target'", file:///C:/WINNT/Profiles/jwilkins/temporary%20Internet%20Files/OLK12/WSJ.com%20-%20From%20the%.... , (April 12, 2001),1-3	
		IMIELINSKI, TOMASZ , et al., "Geographic Addressing, Routing, and Resource Discovery with the Global Positioning System", Computer Science Dept. Rutgers, The State University, Piscataway, NJ 08855 , (10/19/96),1-10	
		IMIELINSKI, TOMASZ , et al., "GPS-Based Addressing and Routing", Computer Science Dept. Rutgers, The State University, Piscataway, NJ 08855 , (3/7/96),1-35	
		KESSLER, et al., "A Primer on Internet and TCP/IP Tools and Utilities Network Working Group; Request for Comments", http://www.jefi.org/rfc2151.txt , (June 1997),1-46	
		LAMBERT, JOHN , "Subnet Masking Definition", www.exabyte.net/lambert/subnet/subnet masking definition.htm , (1999),1-2	
		LAMM, STEPHEN , et al., "Real-Time Geographic Visualization of World Wide Web Traffic", WWW Journal Issue 3 , (1996),1-14	
		MCCURLEY, KEVIN S., "Geospatial Mapping and Navigation of the Web", IBM Almaden Research Center, San Jose, CA 95120 , (May 1-5, 2001),221-229	
		MOORE, DAVID , et al., "Where in the World is Netgo.caida.org", Cooperative Association of Internet Data Analysis - CAIDA, San Diego, CA , (2000),1-13	
		NAVAS, JULIO C., et al., "On Reducing the Computational Cost of Geographic Routing", Rutgers University, New Brunswick, NJ , (1/24/00),1-28	
		PADMANADHAN, VENKATA N., et al., "Determining the Geographic Location of Internet Hosts", www.research.microsoft.com~padmanab/ , Microsoft Research, University of California Berkley , 15	
		QUARTERMAN, JOHN S., et al., "Internet Integration Pinged and Mapped", Internet Interaction Proc INET , (1994),522-1 through 522-10	
		RAZ, URI , "How to Find a Host's Geographical Location?", www.private.org.il/IP2geo.html , (3/28/02),1-3	
WD		SCHWARTZ, MICHAEL F., "Applying an Information Gathering Architecture to NetFind: A White pages Tool for a Changing and Growing Internet", University of Colorado Technical Report; IEEE/ACM Transactions on Networking , (December 1993),1-23	
WD		SHIODE, NARUSHIGE , "Analyzing the Geography of the Internet Address	

EXAMINER *K. DINH* DATE CONSIDERED *8/2/04*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Unknown 10/685991
		Filing Date	Even Date Herewith 10/14/03
		First Named Inventor	Anderson, Mark
		Group Art Unit	Unknown 2151
		Examiner Name	Unknown K.D. Dinh
Sheet 5 of 5		Attorney Docket No: 4714.P001C	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
KD		Space", http://geog.ucl.ac.uk/casa/martine/internetspace , 1-3, 3/16/98	
WN		SUBRAMANIAN, LAKSHMINARAYANAN, et al., "Geographic Properties of Internet Routing: Analysis and Implications", Technical Report MSR-TR-2001-89; Microsoft Research; Redmond, WA, (September 2001), 1-12	
WD		WOOLEY, SCOTT, "We Know Where You Live", \$sessionid\$Q4DBX0QAACP0 , (November 13, 2000), 2	

EXAMINER	Khanh Dinh	DATE CONSIDERED	8/2/04
----------	------------	-----------------	--------
